

(FILE 'MEDLINE, EMBASE, BIOSIS, CAPLUS' ENTERED AT 18:27:14 ON 16 MAY 2007)

L1 111354 SEA ABB=ON PLU=ON PALINDROME OR INVERTED OR (HEAD-TO-HEAD)
OR (HEAD-TO-TAIL) OR PALINDROMIC

L2 44169 SEA ABB=ON PLU=ON L1 AND (PLASMID OR VECTOR OR VIRUS OR
TRANSGENE OR GENE OR (NUCLEIC ACID) OR CHROMOSOME)

L3 17056 SEA ABB=ON PLU=ON L2 AND (MUTATION OR INSERTION OR DELETION
OR MODIFIED OR MUTAGENESIS)

L4 1062 SEA ABB=ON PLU=ON L3 AND TANDEM

L5 28 SEA ABB=ON PLU=ON L4 AND ((NUCLEAR TRANSPORT SIGNAL) OR
(NUCLEAR LOCALIZATION SIGNAL) OR NLS OR NUCLEUS)

L6 15 DUPLICATE REMOVE L5 (13 DUPLICATES REMOVED)
ANSWERS '1-9' FROM FILE MEDLINE
ANSWERS '10-11' FROM FILE EMBASE
ANSWERS '12-15' FROM FILE CAPLUS
DISPLAY BIB L6 1-15

L7 149 SEA ABB=ON PLU=ON L4 AND (TRANSFORMATION OR TRANSFECTION)

L8 79 DUPLICATE REMOVE L7 (70 DUPLICATES REMOVED)
ANSWERS '1-49' FROM FILE MEDLINE
ANSWERS '50-57' FROM FILE EMBASE
ANSWERS '58-59' FROM FILE BIOSIS
ANSWERS '60-79' FROM FILE CAPLUS

L9 12 SEA ABB=ON PLU=ON L8 AND ((PALINDROME OR INVERTED) (S)
(PLASMID OR VECTOR OR VIRUS OR TRANSGENE))

L10 0 SEA ABB=ON PLU=ON L9 AND (METHYLATED OR METHYLATION OR LNA)

L11 1 SEA ABB=ON PLU=ON L8 AND (METHYLATED OR METHYLATION OR LNA)

DISPLAY BIB L11 1

L12 14 SEA ABB=ON PLU=ON L4 AND (METHYLATED OR METHYLATION OR LNA)

L13 7 DUPLICATE REMOVE L12 MEDLINE (7 DUPLICATES REMOVED)
ANSWERS '1-5' FROM FILE MEDLINE
ANSWER '6' FROM FILE BIOSIS
ANSWER '7' FROM FILE CAPLUS
DISPLAY BIB L13 1-7

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	8770	cao.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 13:53
S2	6680	sagawa.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 13:53
S3	161554	kato.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 13:53
S5	4	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 13:53
S6	6	S1 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 13:54
S7	353	S2 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 13:54
S8	4	S1 and S2 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 13:54
S9	35	S7 and (mutation or inverted)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 13:59

EAST Search History

S10	3	S7 and (inverted)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 13:55
S11	17	S7 and (antisense)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 13:59
S12	23	(inverted repeat) near transgene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 15:37
S13	104	(inverted repeat) near gene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 17:43
S14	104	((inverted or antisense) near repeat) near gene	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 15:19
S15	130	((inverted or antisense) near repeat) near (gene or transgene or heterologous or mRNA or cDNA or insert)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 15:20
S16	122	S15 and (mutagenesis or transgene or mutation or mutant or mutated)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 15:24
S17	230	inverted near (transgene or gene)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 15:24

EAST Search History

S18	121	S17 and (mutagenesis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 15:37
S19	4291	(T-DNA or TDNA) and (mutagenesis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 15:37
S20	430	S19 and (inverted repeat)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 15:39
S21	57	S20 and nls	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 15:37
S22	7	(inverted repeat)near (mutated or mutation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 17:44
S23	116	(inverted repeat) near (gene or transgene)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 17:43
S24	325	(inverted repeat)same (mutated or mutation)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 17:45
S25	12	S23 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 17:53

EAST Search History

S26	3542	gene near duplica\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 17:58
S27	1299	S26 and (inversion or invert or inverted)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 17:55
S28	3148	S26 and (homologous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 17:55
S29	1227	S27 and (homologous)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 17:55
S30	897	S27 and (homologous recombination)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 18:10
S31	843	S30 and mutagenesis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 18:30
S32	115	S31 and nls	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 18:11
S33	4628	gene near (duplica\$ or repeat\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 17:59

EAST Search History

S34	39	S24 and S33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 18:09
S35	1682	(repeat or repeated) near (transgene or gene or cDNA or RNA)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 18:10
S36	31043	(inverted or antisense) near (transgene or gene or cDNA or RNA)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 18:30
S37	610	S35 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 18:10
S38	160	S37 and (homologous recombination)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 18:29
S39	23	S38 and nls	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 18:19
S40	1766	tandem near (gene or transgene)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 18:19
S41	204	S40 and inverted	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 18:23

EAST Search History

S42	6	S40 and (inverted near (gene or transgene))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 18:20
S43	116	S40 and (inverted repeat)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 18:23
S44	103	S43 and recombination	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 18:27
S45	8	S44 and nls	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 18:23
S46	0	".21" and palindrome	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 18:27
S47	23	S43 and palindrome	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 18:28
S48	2	palindrome near (gene or cdna or transgene or rna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 18:29
S49	759	palindrome same (gene or cdna or transgene or rna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 18:29

EAST Search History

S50	249	S49 and (homologous recombination)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 18:29
S51	113	S50 and inverted	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/14 18:30
S52	87	S51 and mutagenesis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/15 09:21
S53	759	palindrome same (gene or cdna or transgene or rna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/15 09:21
S54	759	S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/15 09:21
S55	258	S54 and tandem	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/15 09:21
S56	742	S54 and (tandem near gene or transgene or dna or rna)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/15 09:22
S57	10	S54 and (tandem near (gene or transgene or dna or rna))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/15 09:31

EAST Search History

S58	2132	(tandem near (gene or transgene or dna or rna or insert))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/15 09:35
S59	762	S58 and ((inverted or antisense) near (gene or transgene or dna or rna or insert))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/15 09:36
S60	15	S58 and (inverted near (gene or transgene or dna or rna or insert))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/15 09:39
S61	1766	(tandem near (gene or transgene))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/15 09:35
S62	74	S58 and ((inverted or antisense) near (gene or transgene))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/15 09:36
S63	59	S61 and ((inverted or antisense) near (gene or transgene))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/15 09:36
S64	231	(inverted near (gene or transgene))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/15 09:39
S65	73	S64 and tandem	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/15 10:42

EAST Search History

S66	12	(palindromic or palindrome) near (plasmid or (expression vector))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/15 10:47
S67	324	(head-to-head or (hear near head)) same (orientation or oriented)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/15 10:55
S68	192	S67 and (plasmid or vector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/15 10:48
S69	133	S68 and (recombination)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/15 11:06
S70	1675	(head-to-head or (hear near head)) same (transgene or gene)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/15 10:55
S71	20	(head-to-head or (hear near head)) near (transgene or gene)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/15 11:06
S72	110	S70 and S68	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/15 11:06
S73	86	S72 and (recombination)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/15 11:07

EAST Search History

S74	53	S73 and (mutagenesis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2007/05/15 11:07
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